

Power Cost Memorandum Surcharge Change

Date: **November 18, 2021**

| | | |
|--|---------------------------------------|--|
| Utility Name (Cert. No.) Tanalian Electric Cooperative (447) | Utility File No. PC90-1118R | Date Filed: November 5, 2021 |
|--|---------------------------------------|--|

| PCE AMOUNT SUMMARY | Previously Approved PC90-1118Q <u>Date Approved:</u> November 5, 2021 | Staff Recommended Amount(s) and Effective Date PC90-1118R November 19, 2021 |
|---|---|--|
| Class Rate Residential | \$0.3684 | \$0.3684 |
| <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent | | |

| | |
|--|--|
| Prior Fuel Purchase Price: \$ 3.2890 | New Fuel Purchase Price: \$ 3.2890 |
| <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted | <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted |
| Delivery Charge: \$189 | Surcharge Change: Previous 0.1180 Updated 0.1315 |

| Weighted Average Fuel Price/Gal. Calculation | | | | | |
|--|----------------|---|--------------|---|----------------------------------|
| | <u>Gallons</u> | | <u>Price</u> | | |
| On-hand before deliv. | 20,740 | X | 3.2890 | = | 68,213.57 |
| Delivered | - | X | | = | |
| | <u>20,740</u> | | | | |
| | | | <u>\$</u> | | <u>68,213.57</u> |
| | | | | | Weighted Average \$ 3.2890 |

Signed: Brenda Cox
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

| | Date (if different from 11/18/21) | I CONCUR | I DO NOT CONCUR | I WILL WRITE A DISSENTING STATEMENT * |
|----------|--------------------------------------|-------------|--------------------|---|
| Pickett | | RMP | | |
| Kurber | | KKI | | |
| Scott | | AGS | | |
| Sullivan | | DS | | |
| Wilson | | JWW | | |

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

Tanalian Electric Cooperative

APPENDIX 1

POWER COST EQUALIZATION CALCULATION
BASED ON TEST PERIOD ENDING June 30, 2018
Fuel Cost Update and Surcharge Change

| | | PC90-1118Q | PC90-1118R | |
|--|---|---------------------------------|--------------------|----------------------|
| | | Prior Commission Approval | Utility Request | Staff Recommended |
| A. | Total kWh Generated | 866,025 | 866,025 | 866,025 |
| B. | Total kWh Sold (Appendix 2) | 793,477 | 793,477 | 793,477 |
| C. | Total Non-Fuel Costs (Appendix 2) | 213,882 | 213,882 | 213,882 |
| D. | Non-Fuel Cost/kWh (C / B) | \$0.2696 | \$0.2696 | \$0.2696 |
| E. | Total Fuel Costs (Appendix 2) | 252,749 | 252,749 | 252,749 |
| F. | Fuel Costs/kWh (E / B) | \$0.3185 | \$0.3185 | \$0.3185 |
| G. | Eligible Costs/kWh (D + F) | \$0.5881 | \$0.5881 | \$0.5881 |
| H. | Eligible Cost/kWh (G) Less 20.03 cents/kWh | \$0.3878 | \$0.3878 | \$0.3878 |
| I. | Lesser of (H) or 79.97 cents/kWh | \$0.3878 | \$0.3878 | \$0.3878 |
| J. | Average Class Rates (Appendix 3) Residential | \$0.4077 | \$0.4212 | \$0.4212 |
| Class Power Cost Equalization Per kWh Payable | | | | |
| K. | Lesser of: (I) x 95% or (J) Residential | \$0.3684 | \$0.3684 | \$0.3684 |
| L. | Funding Level in Effect | 100% | 100% | 100% |
| | Residential | \$0.3684 | \$0.3684 | \$0.3684 |

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Appendix 1

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APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
BASED ON TEST PERIOD ENDING June 30, 2018

Fuel Cost Update and Surcharge Change

| | | | PC90-1118Q | | PC90-1118R |
|---|---|---|---------------------------------|------------------|----------------------|
| | | | Prior Commission Approval | Per Utility | Staff Recommended |
| Non-Fuel Costs: | | | | | |
| A. | Personnel Costs | | 80,508 | 80,508 | 80,508 |
| B. | Operating Expense | | 6,275 | 6,275 | 6,275 |
| C. | General & Administrative | | 58,967 | 58,967 | 58,967 |
| D. | Depreciation | | 68,132 | 68,132 | 68,132 |
| E. | Interest Expense | | - | - | - |
| F. | Other (Interest Income) | | - | - | - |
| G. | Total Non-Fuel Costs | | 213,882 | 213,882 | 213,882 |
| Fuel Costs: | | | | | |
| H. | Gallons Consumed for Electric Generation | | 76,847 | 76,847 | 76,847 |
| I. | Wtd. Avg. Price of Fuel | | \$3.2890 | \$3.2890 | \$3.2890 |
| J. | Total Cost of Fuel | | \$252,749 | \$252,749 | \$252,749 |
| K. | KWh Generated | | 936,760 | 936,760 | 936,760 |
| L. | kWh Sales | | 850,107 | 850,107 | 850,107 |
| M. | Station Service | | 22,670 | 22,670 | 22,670 |
| N. | Efficiency (K/H) | ≥ | Standard 11.5 | 12.19 | 12.19 |
| O. | Line Loss | ≤ | 12% | 6.83% | 6.83% |
| (kWh generated-(kWh sold + Station Service)/kWh generated | | | | | |

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Appendix 2

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APPENDIX 3

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

Customer Charge (CC): \$25.00

| (1) kWh by Block | (2) Rate (\$/kWh) | (3) Surcharge If Applicable (\$/kWh) | (4) Total (\$/kWh) (2+3) | (5) Total \$ (1x4)+ CC | (6) Avg. (\$/kWh) (5)/(1) | (7) Avg. Rate (\$/kWh) - 0.2003 (\$/kWh) |
|---------------------------|-------------------------|---|-----------------------------------|---------------------------------|------------------------------------|--|
| 500 | 0.4400 | 0.1315 | 0.5715 | 310.75 | 0.6215 | 0.4212 |
| | | | | | | |
| | | | | | | |
| | | | | | | |

500 310.75 0.6215 0.4212
TOTAL (A) (E)

Rate Schedule:

| (1) kWh by Block | (2) Rate (\$/kWh) | (3) Surcharge If Applicable (\$/kWh) | (4) Total (\$/kWh) (2+3) | (5) Total \$ (1x4) | (6) Avg. (\$/kWh) (5)/(1) | (7) Avg. Rate (\$/kWh) - 0.2003 (\$/kWh) |
|---------------------------|-------------------------|---|-----------------------------------|-----------------------------|------------------------------------|--|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

TOTAL (A) (E)

Computation of Community Facilities Average Rate

Rate Schedule:

| | (A) Rate (\$/kWh) | (B) Surcharge If Applicable (\$/kWh) | (C) Total Rate (\$/kWh) (A+B) | (7) Avg. Rate (\$/kWh) - 0.2003 (\$/kWh) |
|---------|-------------------------|---|--|--|
| 0 to ∞ | | | | |
| Next to | | | | |
| Next to | | | | |
| Next to | | | | |
| Next to | | | | |

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